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TRANSMITTAL FORM

(To be used for all correspondence
after initial filing)

Application Number	10/718,488
Filing Date	November 20, 2003
First Named Inventor	Richard W. Armentrout
Art Unit	1753
Examiner Name	
Attorney Docket No.	850136.422

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> CD(s), Number of CD(s) _____
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<input type="checkbox"/> Amendment/Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Statement under 37 CFR 3.73(b)	<input type="checkbox"/> Additional Enclosure(s) (please identify below): _____ _____ _____
<input checked="" type="checkbox"/> Form PTO-1449	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Cited References (X 11)	<input type="checkbox"/> Request for Refund	
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

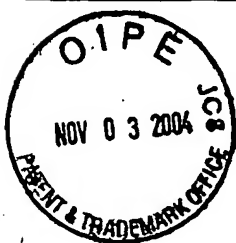
Individual Name	Qing Lin, Ph.D.	Customer Number 00500
Signature		
Date	November 1, 2004	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Jennifer J. Fortuny	
Signature		Date: November 1, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.




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November 1, 2004

Date


Jennifer J. Fortuny

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Richard W. Armentrout
Application No. : 10/718,488
Filed : November 20, 2003
For : DNA IN THE PRESENCE OF GELLAN

Art Unit : 1753
Docket No. : 850136.422
Date : November 1, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicant wishes to make known to the U.S. Patent and Trademark Office the references set forth on the attached Form PTO-1449. Copies of the cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of all other cited references are enclosed. As to any reference cited, applicant does not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he/she is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his/her invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicant believes this Information Disclosure Statement has been timely filed, however, the Commissioner is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,
Seed Intellectual Property Law Group PLLC



Qing Lin, Ph.D.
Registration No. 53,937

Enclosures:

Postcard
Form PTO-1449
Cited References (X 11)

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(QXL:jjf) 528101_1.DOC

FORM PTO-1449- (REV 7-89)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 850136.422	APPLICATION NO. 10/718,488
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Richard W. Armentrout	
		FILING DATE November 20, 2003	GROUP ART UNIT 1753

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,143,646	09/01/92	Nochumson et al.	252	315.3	
	AB	5,616,478	04/01/97	Chetverin et al.	435	91.2	
	AC	6,203,680 B1	03/20/01	Cole	204	469	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION IF APPROPRIATE	
					YES	NO
	AD	02/02587 A1	01/10/02	WIPO		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AE	Chetverina, H.V. et al., "Molecular Colony Diagnostics: Detection and Quantitation of Viral Nucleic Acids by In-Gel PCR," <i>BioTechniques</i> , 33(1):150-156, July 2002.
	AF	Cohen, D.M., "The Polymerase Chain Reaction," in Ausubel et al.,(eds.), <i>Current Protocols in Molecular Biology</i> , John Wiley & Sons, Inc., Chapter 15, Sections 1-8, 2003.
	AG	Cole, K.D., "Reversible Gels for Electrophoresis and Isolation of DNA," <i>BioTechniques</i> , 26(4):748-756, April 1999.
	AH	Cole, K.D. et al., "Modification of the Electrokinetic Properties of Reversible Electrophoresis Gels for the Separation and Preparation of DNA," <i>Applied Biochemistry and Biotechnology</i> , 82:57-76. 1999.
	AI	Doner, L.W. and Bécard, G., "Solubilization of Gellan Gels by Chelation of Cations," <i>Biotechnology Techniques</i> , 5(1):25-28, 1991.
	AJ	Gibb, A.P and Wong, S., "Inhibition of PCR by Agar from Bacteriological Transport Media," <i>Journal of Clinical Microbiology</i> , 36(1):275-276, January 1998.
	AK	Mitra, R. D. and Church G. M., "In situ localized amplification and contact replication of many individual DNA molecules," <i>Nucleic Acids Research</i> , 27(24):e34:i-vi, 1999.
	AL	Moss, M. Jr., "Isolation of Proteins for Microsequence Analysis," in Ausubel et al.,(eds.), <i>Current Protocols in Molecular Biology</i> , John Wiley & Sons, Inc., Chapter 10.19, page 9, 2003.
	AM	Rath, P-M and Schmidt, D., "Gellan gum as a suitable gelling agent in microbiological media for PCR applications," <i>Journal of Medical Microbiology</i> , 50(1):108-109, January 2001.
	AN	Yamaguchi, Y. et al., "Inhibitory Effects of Agarose Gel and LB Medium on DNA Sequencing," <i>BioTechniques</i> , 33(2):282 & 284, August 2002.

EXAMINER	DATE CONSIDERED
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	